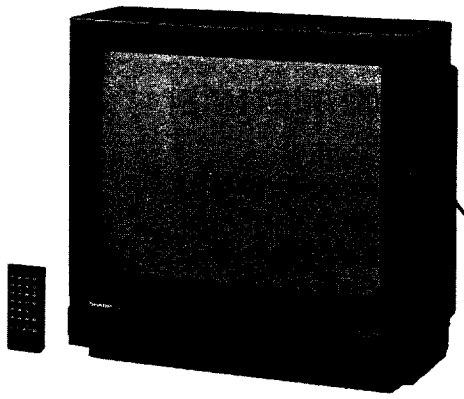
SHARP SERVICE MANUAL

S00O9SV2142SC



ARCHIV
Sharp Electronics GmbH

SECAM/PAL SYSTEM COLOUR TELEVISION

Chassis No. 9P-SR

MODEL SV-2142SCN

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

ELECTRICAL SPECIFICATIONS

Power Input ..... 220/240V AC 50/60Hz
Power Consumption 100W
Convergence ..... Self Converging System
Focus ..... Quadra-Potential Electrostatic
Sweep Deflection ..... Magnetic
Intermediate Frequencies
  Picture IF Carrier Frequency ..... 38.0 MHz
  Sound IF Carrier Frequency
    5.5MHz ..... 32.5 MHz
    6.5MHz ..... 31.5 MHz
  Colour Sub-Carrier Frequency ..... 33.57 MHz (Nominal)

Audio Power Output Rating ..... 4.0W + 4.0W (M.P.O.)
Speaker
  Size ..... 8 cm Round x 2 pcs.
  Voice Coil Impedance ..... 8 ohms at 400 Hz
Aerial Input Impedance
  VHF / UHF ..... 75 ohm Unbalanced
Tuning Ranges
  VHF-Channels (Europe) ..... 2 thru 12
  (OIRT) ..... 1 thru 12
  UHF-Channels (Europe) ..... 21 thru 69
  (OIRT) ..... 21 thru 69

Specifications are subject to change without prior notice.

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WARNING

The chassis in this receiver is partially hot. Use an isolation transformer between the line cord plug and power receptacle, when servicing this chassis.
To prevent electric shock, do not remove cover. No user — serviceable parts inside. Refer servicing to qualified service personnel.

SHARP CORPORATION

5370

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by ⚠ in the Replacement Parts Lists.
The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER 2. REF. NO.
3. PART NO. 4. DESCRIPTION

MARK ★: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code

PICTURE TUBE

⚠	VB51JFC61X/*S	J	CRT	CF
⚠	RCiLH1576CEZZ	J	Deflection Yoke	BD
⚠L1	RCiLG0025PEZZ	R	Deflection Coil	AW
	PMAGF3003CEZZ	J	Purity Magnet	AK
	PSPAG0028CEZZ	J	Wedge	AB

PRINTED WIRING BOARD ASSEMBLIES

(NOT REPLACEMENT ITEM)

PWB-A	DUNTK6450WEX8	–	Mother Unit	—
PWB-B	DUNTK6281WEV6	–	CRT Socket Unit	—
PWB-C	DUNTK5903WEV4	–	SECAM Unit	—
PWB-D	DUNTK6453WEX8	–	IF Unit	—
PWB-E	*Not used*			
PWB-F	DUNTK6611WEX4	–	Control Unit	—
PWB-G	DUNTK6451WEX8	–	Power Unit	—
PWB-H	DUNTK6447WEX1	–	LED Unit	—
PWB-I	DUNTK6454WEV2	–	A/V Unit	—
PWB-J	*Not used*			
PWB-K	*Not used*			
PWB-L	*Not used*			
PWB-M	DUNTK6456WEX8	–	SIF Converter Unit	—

Ref. No.	Part No.	★	Description	Code

PWB-A DUNTK6450WEX8

MOTHER UNIT

TUNER

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

⚠	VTUVTSA1O1///	J	Tuner, VHF/UHF	BE

INTEGRATED CIRCUITS

IC501	RH-iX0640CEZZ	J		AK
IC671	RH-iX0415CEZZ	J		AK
⚠IC730	RH-iX1148CEZZ	J		AX
IC801	RH-iX0713CEN1	J		AV
IC1001	RH-iX1147CEN1	J		AW
IC1002	VHiPST529C2-1	J		AD
IC1004	RH-iX0037CEZZ	J		AF
IC1005	VHiUPC78L05-4	J		AD

TRANSISTORS

Q202, 213, 214, 301, 302, 501, 518, 604, ⚠ 608, 610, 613, 801, 802, 1002, 1003, 1004, 1007, 1013, 1016, 1018	VS2SC815GW-1 or VS2SC945AP/-1	J	2SC1815(GW) 2SC945(AP)	AB AB
Q210, 211, 212	VS2SA950-Y/1E	J	2SA950	AD
Q303, 612	VS2SD880-G/-1	J	2SD880(GR)	AF
Q402, ⚠ 607, ⚠ 616, 1005, 1006	VS2SA1015Y/1E	J	2SA1015(Y)	AC
Q601	VS2SC2271-D1A	J	2SC2271(D)	AD
⚠Q602	VS2SD1554//1E	J	2SD1554	AL
Q606	VS2SC2236Y/-1	J	2SC2236	AD

PWB-A DUNTK6450WEX8
MOTHER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
TRANSISTOROS (Continued)				
⚠Q730	VS2SC3279//1E	J	2SC3279	AA
⚠Q731	VS2SC3279N/-1	J	2SC3279	AC
Q1001	VS2SC383-WT-1	J	2SC383(WT)	AE
DIODES				
D205, 206, 208, 209, 211, 303, 305, 306, 307, 402, 405, 406, 408, 412, 504, 506, 510, 515, 610, ⚠614, ⚠618, 619, 620, ⚠622, ⚠624, 626, 628	VHD1SS119//1E	J	1SS119	AA
631, 633, 634, 671, ⚠734, 803, 804, 806, 1003, 1005, 1006, 1007, 1009, 1018				
1023, 1026, 1030,				

Ref. No.	Part No.	★	Description	Code
DIODES (Continued)				
D1031, 1033, 1034, 1045, 1046, 1049	VHD1SS119//1E	J	1SS119	AA
D302	RH-DX0247CEZZ	J		AE
D407, 408, 510, 1017	RH-DX0005GEZZ	J		AA
D501, 604, ⚠608, 627	RH-DX0279CEZZ	J		AB
D502, 632, 641	RH-DX0127CEZZ	J	1S5295G	AC
D503	RH-EX0048CEZZ	J	Zener Diode	AB
D505	RH-EX0022TAZZ	J	Zener Diode	AB
D603	RH-DX0073CEZZ	J		AD
D617	RH-EX0019TAZZ	J	Zener Diode, 12.3V	AB
⚠D623	RH-DX0005GEZZ	J		AA
⚠D635	RH-EX0184GEZZ	J	Zener Diode	AB
D636	RH-EX0215CEZZ	J	Zener Diode	AB
D643, ⚠730	RH-DX0302CEZZ	J	EU2A	AC
⚠D644	RH-EX0152CEZZ	J	Zener Diode	AE
⚠D731	RH-DX0164CEZZ	J	ES-1F	AC
⚠D732	RH-DX0132CEZZ	J		AC
⚠D733, ⚠736, ⚠737	RH-DX0130CEZZ	J	EU-1Z	AE
⚠D735	RH-DX0027CEZZ	J	TVR1D	AE
TH1001	RH-HZ0006CEZZ	J	Thermistor	AB
PACKAGED CIRCUIT				
X801	RCRSB0084CEZZ	J	Crystal — 4.43MHz	AH

PWB-A DUNTK6450WEX8
MOTHER UNIT (Continued)

COILS

Ref. No.	Part No.	★	Description	Code
L201, 208, 403, 802, 1001	VP-DF120K0000	J	12µH	AB
L202	VP-DF270K0000	J	27µH	AB
L303, 304, 305, 610, 620, 640, 641	VP-CF3R3K0000	J	3.3µH	AB
L308	VP-XF2R2K0000	J	2.2µH	AB
L401	VP-DF3R3K0000	J	3.3µH	AB
L402	VP-XF560K0000	J	56µH	AB
L405	VP-CF120K0000	J	12µH	AB
L601	RCiLZ0007PEZZ	R	Linearity Coil	AK
L602	RCiLP0088CEZZ	J		AG
L603	VP-CF100K0000	J	10µH	AB
⚠L730, 803	VP-DF8R2K0000	J	8.2µH	AB
⚠L731	VP-CF271K0000	J	270µH	AB
⚠L732	RCiLP0050CEZZ	J	150µH	AE
L1004	VP-DF101K0000	J	100µH	AB

CERAMIC FILTERS

Ref. No.	Part No.	★	Description	Code
CF205	RFiLC0024CEZZ	J		AE
CF601	RFiLA0020CEZZ	J		AD
CF1001	RFiLC0091GEZZ	J		AD

DELAY LINE

Ref. No.	Part No.	★	Description	Code
DL401	RCiLZ0556CEZZ	J	Video Delay	AG
DL801	RCiLZ0475CEZZ	J	1H Delay	AP

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠T601	RTRNZ0026PEZZ	R	Horizontal Drive Trans.	AH
⚠T602	RTRNF0045PEZZ	R	Flyback Trans.	BN
⚠T730	RTRNZ0028PEZZ	R	Regulator Trans.	BC
T801	RCiLV0122CEZZ	J	CW Phase	AD
T802	RCiLZ0439CEZZ	J	1H Matching	AD

CONTROLS

Ref. No.	Part No.	★	Description	Code
R224, 812	RVR-B0005PEZZ	R	2k(B) 2k(B) RF-AGC 1H-DL	AC
R328	RVR-B0006PEZZ	R	5k(B) Sub-Sound	AE
R407	RVR-B0008PEZZ	R	20k(B) Sub-Contrast	AD
R507, 617, 806	RVR-B0007PEZZ	R	10k(B) Vertical Linearity, Horizontal Center PAL Sub-Colour	AD
R509	RVR-B0002PEZZ	R	200(B) Vertical Size (50Hz)	AD
R541	RVR-B0009PEZZ	R	50k(B) Vertical Size (60Hz)	AD
R1041	RVR-B4535CEZZ	J	1k(B) Sign Adjust	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C216, 802, 1005, 1006	RC-QZA104TAYK	J	0.1 Mylar	AB
C217, 636	VCEAGA1CW227M	J	220 16V Electrolytic	AC
C314, 631	VCEAGA1CW107M	J	100 16V Electrolytic	AB
C317, 511, 609, 640, 648	VCKYPA2HB102K	J	1000p 500V Ceramic	AA
C318	VCEAGA1VW477M	J	470 35V Electrolytic	AD
C320, 505	RC-QZA224TAYK	J	0.2 Mylar	AC
C501	VCSATA1VE225K	J	2.2 35V Tantalum	AC
C502	VCEAGA1EW227M	J	220 25V Electrolytic	AC
C504	VCKYPA2HB121K	J	120p 500V Ceramic	AA
C506, 641	VCEAGA1EW108M	J	1000 25V Electrolytic	AD
C509	VCSATA1VE475K	J	4.7 35V Tantalum	AD
C510	VCEAGA1VW108M	J	1000 35V Electrolytic	AD
C534	VCE9AA1HW225M	J	2.2 50V Electrolytic (N.P)	AB
C535	VCSATA1VE335K	J	3.3 35V Tantalum	AC
C604	VCEAGA1CW337M	J	330 16V Electrolytic	AC
C608	VCEAAA2CW105M	J	1 160V Metallized Polyester	AB
⚠C610	VCFPPD3CA822J	J	8200p 1.6kV Metallized Polyester	AF
C612, ⚠732, ⚠737, ⚠738,	VCKYPH3HB561K	J	560p 2kV Ceramic	AC
C613	VCFPPD2DB564J	J	0.56 200V Metallized Polyester	AF

PWB-A DUNTK6450WEX8
MOTHER UNIT (Continued)

CAPACITORS (Continued)

Ref. No.	Part No.	★	Description	Code
C614	VCQPSC2DA104J	J	0.1 200V Polypro Film	AC
C615	VCFPPD2DB474J	J	0.47 200V Polypro Film	AE
C616, 649	RC-KZ0024CEZZ	J	1000p 2kV Ceramic	AC
C617	VCQYSH2DM104K	J	0.1 200V Mylar	AD
C619	VCEAGA2AW106M	J	10 100V Electrolytic	AC
⚠C621	VCEAGA0JW337M	J	330 6.3V Electrolytic	AB
⚠C622, ⚠ 646	VCEAGA1CW476M	J	47 16V Electrolytic	AB
⚠C623	VCEAAA1HW105M	J	1 50V Electrolytic	AB
C628	VCKYPA2HB221K	J	220p 500V Ceramic	AA
C638	VCEAGA1HW477M	J	470 50V Electrolytic	AD
C650	VCEAAH2CW107M	J	100 160V Electrolytic	AE
730	• VCKYPA2HB152K	J	1500p 500V Ceramic	AA
⚠C731	VCQPSC2JA333K	J	0.033 630V Polypro Film	AB
⚠C733	RC-KZ0029CEZZ	J	0.01 AC250V Ceramic	AC
⚠C734	RC-EZ0055CEZZ	J	150 400V Electrolytic (N.P)	AN
⚠C739	VCEAAA2AN106M	J	10 100V Electrolytic	AC
⚠C740	VCEAAA1JN476M	J	47 63V Electrolytic	AC
⚠C741	VCE9AA1HW335M	J	3.3 50V Electrolytic	AE
⚠C742	VCQYSH1HM562J	J	0.0056 50V Mylar	AA
⚠C743	VCQYSH1HM123J	J	0.012 50V Mylar	AB
⚠C744	VCKZPA1HB561K	J	560p 50V Ceramic	AA
⚠C745	VCCSPA2HL820K	J	82p 500V Ceramic	AA
⚠C746	• VCKYPA2HB561K	J	560p 500V Ceramic	AA
⚠C747, ⚠ 748	RC-KZ0022CEZZ	J	6800p 2kV Ceramic	AD
⚠C750	VCKZPA1HF103Z	J	0.01 50V Ceramic	AA
⚠C751	RC-KZ0033CEZZ	J	150p 2kV Ceramic	AB
⚠C752	VCQYSH1HM103Z	J	0.01 50V Mylar	AA
C801	VCEAGA1CW477M	J	470 16V Electrolytic	AC
023	VCEAGA1AW227M	J	220 10V Electrolytic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
⚠R311, ⚠ 662	RR-XZ0016CEZZ	J	1 1/2W Fuse Resistor	AB
R312	VRS-VV3LB3R3J	J	3.3 3W Metal Film	AB
⚠R515, ⚠ 620	RR-XZ0035TAZZ	J	22 1/4W Fuse Resistor	AB
⚠R521	RR-XZ0029CEZZ	J	3.3 1/2W Fuse Resistor	AB
R609	VRS-PV3LB392J	J	3.9k 3W Metal Oxide	AB
R611	VRW-KV4AC6R8K	J	6.8 10W Cement	AD
⚠R612	RR-XZ0020CEZZ	J	39 1/2W Fuse Resistor	AB
R618	VRS-PU2HB102J	J	1k 1/2W Metal Oxide	AA
R621	VRN-VV3DB2R2J	J	2.2 2W Metal Film	AB
⚠R624	VRD-RA2BE104J	J	100k 1/8W Carbon	AA
⚠R626, ⚠ 629	VRD-RA2BE123J	J	12k 1/8W Carbon	AA
⚠R627	VRD-RA2BE334J	J	330k 1/8W Carbon	AA
⚠R628, ⚠ 743	VRD-RA2BE102J	J	1k 1/8W Carbon	AA
⚠R630, ⚠ 665, ⚠ 669	VRD-RA2BE472J	J	4.7k 1/8W Carbon	AA
⚠R631	VRD-RA2BE684J	J	680k 1/8W Carbon	AA
⚠R632	VRD-RA2BE153J	J	15k 1/8W Carbon	AA
⚠R633	VRD-RM2HD101J	J	100 1/2W Carbon	AA
⚠R634, ⚠ 649	VRD-RA2BE682J	J	6.8K 1/8W Carbon	AA
⚠R637	VRD-RA2BE274J	J	270k 1/8W Carbon	AA
⚠R641	RR-XZ0027CEZZ	J	2.2 1/2W Fuse Resistor	AB
R647	VRS-PV3LB123J	J	12k 3W Metal Oxide	AB
R660	VRS-PV3LB103J	J	10k 3W Metal Oxide	AC
⚠R730	VRS-VV3DB272J	J	2.7k 2W Metal Oxide	AA
⚠R731	RR-XZ0011GEZZ	J	47 1/2W Fuse Resistor	AB
⚠R734	RR-XZ0017CEZZ	J	10 1/2W Fuse Resistor	AB
⚠R735, ⚠ 736	VRD-RM2HD683J	J	68k 1/2W Carbon	AA
⚠R737	VRD-RM2HD393J	J	39k 1/2W Carbon	AA
⚠R738	VRS-VV3AB331J	J	330 1W Metal Oxide	AA
⚠R739	VRD-RM-2HD181J	J	180 1/2W Carbon	AA
⚠R740	VRD-RA2EE391J	J	390 1/4W Carbon	AA
⚠R741	VRD-RA2EE561G	J	560 1/4W Carbon	AA
⚠R742	VRD-RM2HD470J	J	47 1/2W Carbon	AA
⚠R745	VRD-RM2HD330J	J	33 1/2W Carbon	AA
⚠R746	VRD-RA2EE153J	J	15k 1/4W Carbon	AA
⚠R747, ⚠ 748	VRC-UA2HG825K	J	8.2M 1/2W Solid	AA
⚠R749	VRS-PV3LB124J	J	120k 3W Metal Oxide	AC
⚠R750	VRD-RM2HD1R8J	J	1.8 1/2W Carbon	AA
⚠R751, ⚠ 752	VRD-RM2HD2R2J	J	2.2 1/2W Carbon	AA
R826	VRS-PU2HB223J	J	22K 1/2W Metal Oxide	AA
R1007	VS-VV3DB123J	J	12k 2W Metal Oxide	AA

SWITCHES

Ref. No.	Part No.	★	Description	Code
S501	QSW-B0015CEZZ	J	Vertical Center Adjust	AC
⚠S1001 | ⚠ 1008, ⚠ 1009	QSW-K0025CEZZ	J	Up/Down Switch	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB601, 603, 604, ⚠ 730, ⚠ 731	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB602, ⚠ 732	RBLN-0010CEZZ	J	Ferrite Bead	AC

Ref. No.	[illegible]	[illegible]	Description	Code

PWB: [illegible] PWB: C2 DUNTK5903WEV4

SECAM UNIT

TRANSISTORS

●Q851, 852, 853	VS2SC2229(O)	J	2SC2229(O)	CAE

COIL

L851	VP-CF681K0000	J	680µH	AB

CONTROLS

R853, 859, 865	RVR-B4567CEZZ	J	5k(B)	Red Bias, Green Bias Blue Bias	AC
R857, 863	RVR-B4562CEZZ	J	300(B)	Green Drive, Blue Drive	AC

CAPACITORS

C854	RC-KZ0016CEZZ	J	0.01	AC250V Ceramic	AC
C855	VCEAAA2DW106M	J	10	200V Electrolytic	AC

RESISTORS

R855, 861, 867	VRC-MA2HG272K	J	2.7k	1/2W Solid	AA
R860, 866, 868	VRS-VV3DB153J	J	15k	2W Metal Oxide	AA

MISCELLANEOUS PART

⚠S853	QSOCV0913CEZZ	J	CRT Socket	AK

INTEGRATED CIRCUIT

IC931	RH-iX0226CEZZ	J	[illegible]	AV

TRANSISTORS

Q931, 932, 936, 940	VS2SC945AP/-1	J	2SC945(AP)	AB

DIODES

D932	RH-EX0141GEZZ	J	Zener Diode, 6.2V	AB
D933, 934, 937	VHD1SS119//1E	J	1SS119	AA
D935, 936	RH-DX0005GEZZ	J		AA

PACKAGED CIRCUIT

M931	RMPTC0094CEZZ	J	De-emphasis	AD

COIL

L934	VP-XF8R2K0000	J	8.2µH	AB

TRANSFORMERS

T931	RCiLi0364CEZZ	J	Bell Filter	AD
T932, 933	RCiLi0435CEZZ	J	B-Y DET, R-Y DET	AE
T934	RCiLi0436CEZZ	J	ID DET	AE

CAPACITORS

C940	RC-KZ0056CEZZ	J	0.1	16V	Ceramic	AB
C944	VCEAGA1CW337M	J	330	16V	Electrolytic	AC
C953, 954, 955	VCSATA1VE105K	J	1	35V	Tantalum	AD

Ref. No.	Part No.	★	Description	Code

PWB-D DUNTK6453WEX8
IF UNIT

Ref. No.	Part No.	★	Description	Code
INTEGRATED CIRCUIT				
IC100	RH-iX0711CEN1	J		AN
TRANSISTOR				
Q100	VS2SC1906//1E	J	2SC1906 ✓	AC
DIODE				
D100	RH-EX0341GEZZ	J	Zener Diode ✓	AA
COIL				
L101	VP-XF120K0000	J	12µH	AB
CERAMIC FILTERS				
CF100	RCiLC0020CEZZ	J	5.5MHz	AE
CF150	RFiLC0143CEZZ	J	5.5MHz	AD
SF100	RFiLC0073CEZZ	J	38.0MHz	AL
TRANSFORMERS				
T100	RCiLD0151CEZZ	J	AFT-Coil	AD
T101	RCiLD0130CEZZ	J	P-DET-Coil	AD
T102	RCiLi0431CEZZ	J	SAW Matching	AD
T150	RCiLD0152CEZZ	J	S-DET-Coil	AE
CAPACITORS				
C106	VCE9AA1HW105M	J	1 50V Electrolytic (N.P)	AB
C107	VCEAGU1CW337M	J	330 16V Electrolytic	AE

PWB-E —— *Not used* ——

PWB-F DUNTK6611WEX4
CONTROL UNIT

Ref. No.	Part No.	★	Description	Code
DIODE				
D1200	VHD1SS119//1E	J	1SS119	AA
CONTROLS				
⚠R1200	RVR-Z0002PEZZ	R	10k(B) ✓3, Brightness/ Colour/ Contrast	AN
⚠R1201	RVR-B0074PEZZ	R	Tint	AF
⚠R1202	RVR-Z0003PEZZ	R	10k(B) ✓3, Balance/ Bass/ Treble	AL
MISCELLANEOUS PARTS				
⚠S1200	QSW-R0005PEZZ	R	Switch, PAL/SECAM	AF
⚠S1202, ⚠ 1203	QSW-R0006PEZZ	R	Swiych, NTSC, Blue, Back	AF

PWB-G DUNTK6451WEX8
POWER UNIT

Ref. No.	Part No.	★	Description	Code
DIODES				
⚠D701, ⚠ 702, ⚠ 703, ⚠ 704	RH-DX0055TAZZ	J		AD
PACKAGED CIRCUIT				
⚠POR701	RMPTP0047CEZZ	J	Positive Coefficient Thermistor	AK
COIL				
⚠L702	RCiLF0105CEZZ	J	Line Filter	AP
CAPACITORS				
⚠C701	RC-FZ0018CEZZ	J	0.22 AC250V Mylar	AH
⚠C702, ⚠ 703, ⚠ 705, ⚠ 706, ⚠ 707, ⚠ 708	RC-KZ0029CEZZ	J	0.01 AC250V Ceramic	AC

Ref. No.	Part No.	★	Description	Code

PWB-G DUNTK6451WEX8
POWER UNIT (Continued)

RESISTOR

⚠R701	VRW-KV3NC6R8K	J	6.8	7W	Cement	AC

MISCELLANEOUS PARTS

⚠F701	QFS-C2024CEZZ	J	Fuse, T2A		AD
⚠	QFSHD1002CEZZ	J	Fuse Holder		AA
⚠FB701	RBLN-0010CEZZ	J	Ferrite Bead		AC
⚠S701	QSW-P0418CEZZ	J	Main Power Switch		AK

PWB-H DUNTK6447WEX1
LED UNIT

DIODE

D1150	RH-PX0095CEZZ	J	LED-Green	AE

MISCELLANEOUS PART

M1150	RRMCU0190CEZZ	J	Infrared Remote Control Receiver	AL

Ref. No.	Part No.	★	Description	Code

PWB-I DUNTK6454WEV2
AV UNIT

INTEGRATED CIRCUITS

IC2301	RH-iX0214CEZZ	J		AP
IC2302, 2303	RH-iX0365CEZZ	J		AK
IC2305	RH-iX0257CEZZ	J		AF
IC2401	RH-iX0607CEZZ	J		AK

TRANSISTORS

Q2301, 2303, 2335, 2336, 2337, 2370, 2401, 2402, 2403, 2404, 2405, 2406, 2431	VS2SC1815GW-1	J	2SC1815(GW)	AB
Q2371, 2372, 2373	VS2SA1015Y/1E	J	2SA1015(Y)	AC

DIODES

D2301, 2302, 2303, 2304, 2305, 2308, 2313, 2372, 2373, 2374, 2375	VHD1SS119//1E	J	1SS119	AA

COILS

L2301, 2302, 2303, 2304	VP-CF3R3K0000	J	3.3µH	AB
L2401	VP-DF330K0000	J	33µH	AB

Ref. No.	Part No.	★	Description	Code

PWB-I DUNTK6454WEV2

AV UNIT (Continued)

CAPACITORS

C2305, 2309	RCQZA124TAYK	J	0.12		Mylar	AB
C2306, 2412	VCEAGA1CW477M	J	470	16V	Electrolytic	AC
C2314, 2319, 2326, 2401, 2403, 2341	VCEAGA1CW107M	J	100	16V	Electrolytic	AB
C2322, 2329	VCEAGA1EW108M	J	1000	25V	Electrolytic	AD
C2323, 2330	VCEAGA1EW477M	J	470	25V	Electrolytic	AD
C2324, 2331	RC-QZA104TAYK	J	0.1		Mylar	AB
C2370	VCE9AA1CW106M	J	10	16V	Electrolytic (N.P)	AB
C2404	VCE9AA1CW226M	J	22	16V	Electrolytic (N.P)	AC
C2407, 2415	VCEAGA1CW337M	J	330	16V	Electrolytic	AC
C2409, 2413	VCEAGA0JW477M	J	470	6.3V	Electrolytic	AB

RESISTORS

⚠R2303, ⚠ 2407, ⚠ 2410, ⚠ 2417	RR-XZ0035TAZZ	J	22	1/4W	Fuse Resistor	AB

MISCELLANEOUS PARTS

⚠J2301	QJAKE0055CEZZ	J	Jack, Audio In (Right)	AC
⚠J2302	QJAKE0052CEZZ	J	Jack, Audio In (Left/Mono)	AB
⚠J2304	QJAKE0052CEZZ	J	Jack, Audio Out (Left)	AB
⚠J2303	QJAKE0053CEZZ	J	Jack, Audio Out (Right)	AB
⚠J2401, ⚠ 2402	QJAKE0057CEZZ	J	Jack, Video In Jack, Video Out	AB

PWB-J —— *Not used* ——

PWB-K —— *Not used* ——

PWB-L —— *Not used* ——

PWB-M DUNTK6456WEX8

SIF UNIT

TRANSISTORS

Q1381, 1382	VS2SC1815GW-1	J	2SC1815(GW)	AB

COILS

L1381	VP-XF3R3K0000	J	3.3µH	AB
L1382	VP-XF150K0000	J	15µH	AB
L1383	VP-XF120K0000	J	12µH	AB
L1384	VP-DF120K0000	J	12µH	AB

CERAMIC FILTER

CF1381	RFiLA0025CEZZ	J		AF

MISCELLANEOUS PARTS

⚠	QACCZ2001PESA	R	AC Cord	AN
SP1, 2	VSP0080P-F08A	R	Speaker (2 used)	AW

Ref. No.	Part No.	★	Description	Code

Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESSORIES

ACCESSORIES

RRMCG0783PESA	R	Infrared Remote Control Unit	BC

ACCESSORIES (*NOT REPLACEMENT ITEM*)

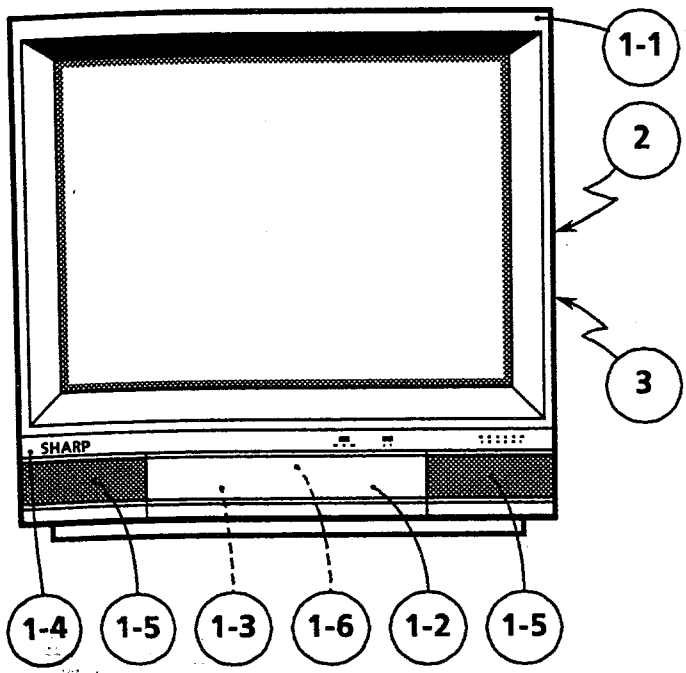
TINS-4545PEZZ	–	Operation Manual	—
TMAPC3669PEZZ	–	Map	—
UBATU1032CCN1	–	Dry Batteries, Size AAA (2 pcs.)	—

PACKING PARTS
(NOT REPLACEMENT ITEM)

SPAKC5508PEZZ	–	Packing Case	—
SPAKX0174PEZZ	–	Buffer Material	—
SPAKP0046PEZZ	–	Wrapping Mat	—

Ref. No.	Part No.	★	Description	Code

CABINET PARTS LOCATION



CABINET PARTS

1	CCABA2088WEW4	R	Front Cabinet Ass'y (W / Speaker x 2pcs)	BT
1-1	*Not Available*	–	Cabinet, Front	—
1-2	GDORF0088PESA	R	Door	AL
1-3	HINDP0069PESA	R	Indication Plate (Inside the Door)	AH
1-4	HINDP0068PESA	R	Indication Plate	AM
1-5	HDECA0005PESA	R	Decoration Plate	AH
1-6	PKAi-0001PE00	R	Puch Latch	AF
2	GCABB2079PEKA	R	Back Cabinet	BR
3	JBTN-0057PESA	R	Button, Power	AF